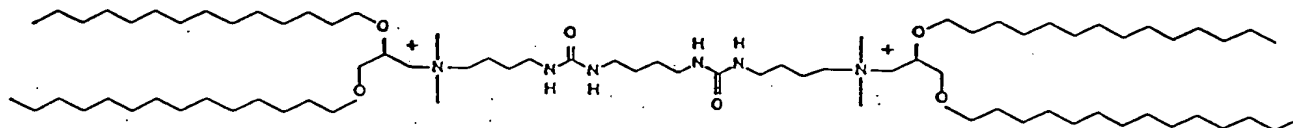


added per #19

Common Name(s): SBDU-DMRIE, Butane bis-DU-DMRIE

CAS Name: 1,4-Bis-(N'-butyl-(4-(N,N-dimethyl-2,3-bis(dodecyloxy)-1-propanaminium))-ureyl)-butane

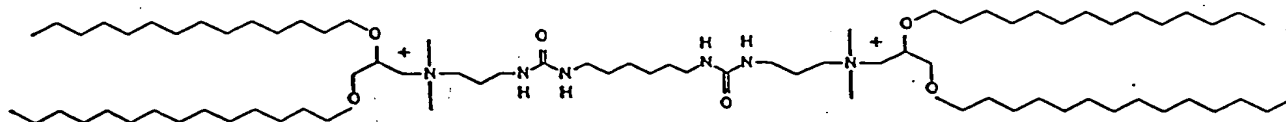
Molecular Formula: $C_{80}H_{166}O_6N_6$



Common Name(s): SHGU-DMRIE, Hexane bis-1,6-GU-DMRIE

CAS Name: 1,6-Bis-(N'-propyl-(3-(N,N-dimethyl-2,3-bis(dodecyloxy)-1-propanaminium))-ureyl)-hexane

Molecular Formula: $C_{80}H_{166}O_6N_6$



Common Name(s): SBGU-DMRIE, Butane bis-GU-DMRIE

CAS Name: 1,4-Bis-(N'-propyl-(3-(N,N-dimethyl-2,3-bis(dodecyloxy)-1-propanaminium))-ureyl)-butane

Molecular Formula: $C_{78}H_{162}O_6N_6$

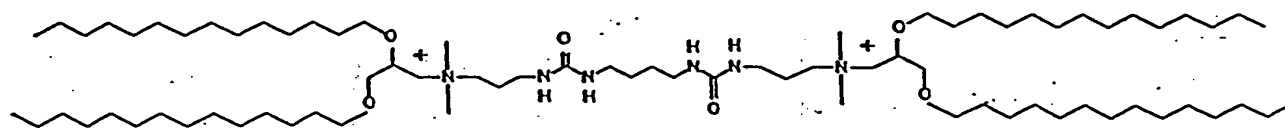


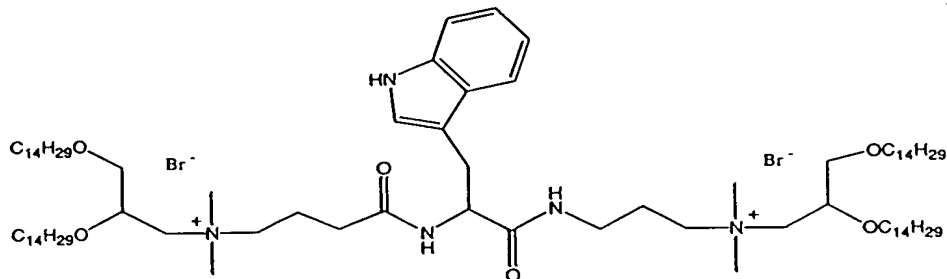
FIGURE 1 A

Compound

Common Name(s): HB-DMRIE-Ox-Trp-DMRIE

CAS Name: (±)-N-[4-(N-(tryptophanylaminopropyl))-N',N'-dimethyl-2',3'-bis(tetradecyloxy)-1'-propanaminium]-N,N-dimethyl-2,3-bis(tetradecyloxy)-1-propanaminium bromide

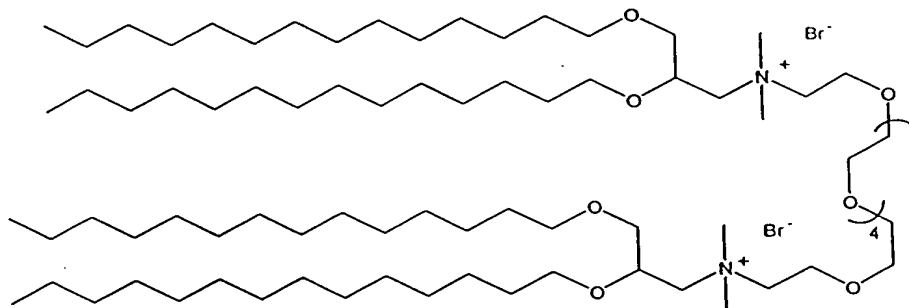
Molecular Formula: $C_{84}H_{160}Br_2N_5O_6$



Compound

Common Name(s): PentaEG-bis-DMRIE

CAS Name: Penta(ethylene glycol), α,ω-bis-(±)-N-(2-Hydroxyethyl)-N,N-dimethyl-2,3-bis(tetradecyloxy)-1-propanaminium bromide ether



Common Name(s): PEG34-bis-But-DMRIE-propylamide

CAS Name: Poly(ethylene glycol)-34 bis-[(±)-N-(N'-propylbutyramido)-N,N-dimethyl-2,3-bis(tetradecyloxy)-1-propanaminium bromide]

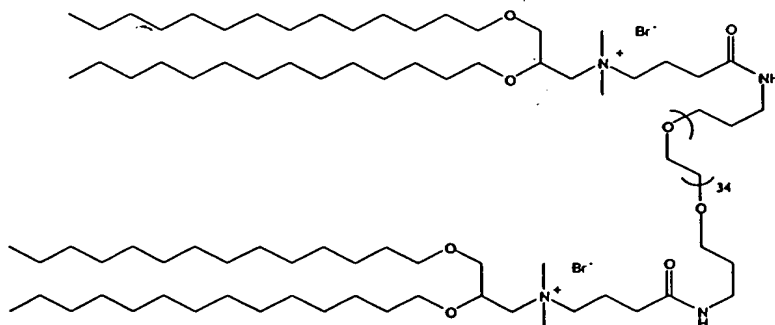
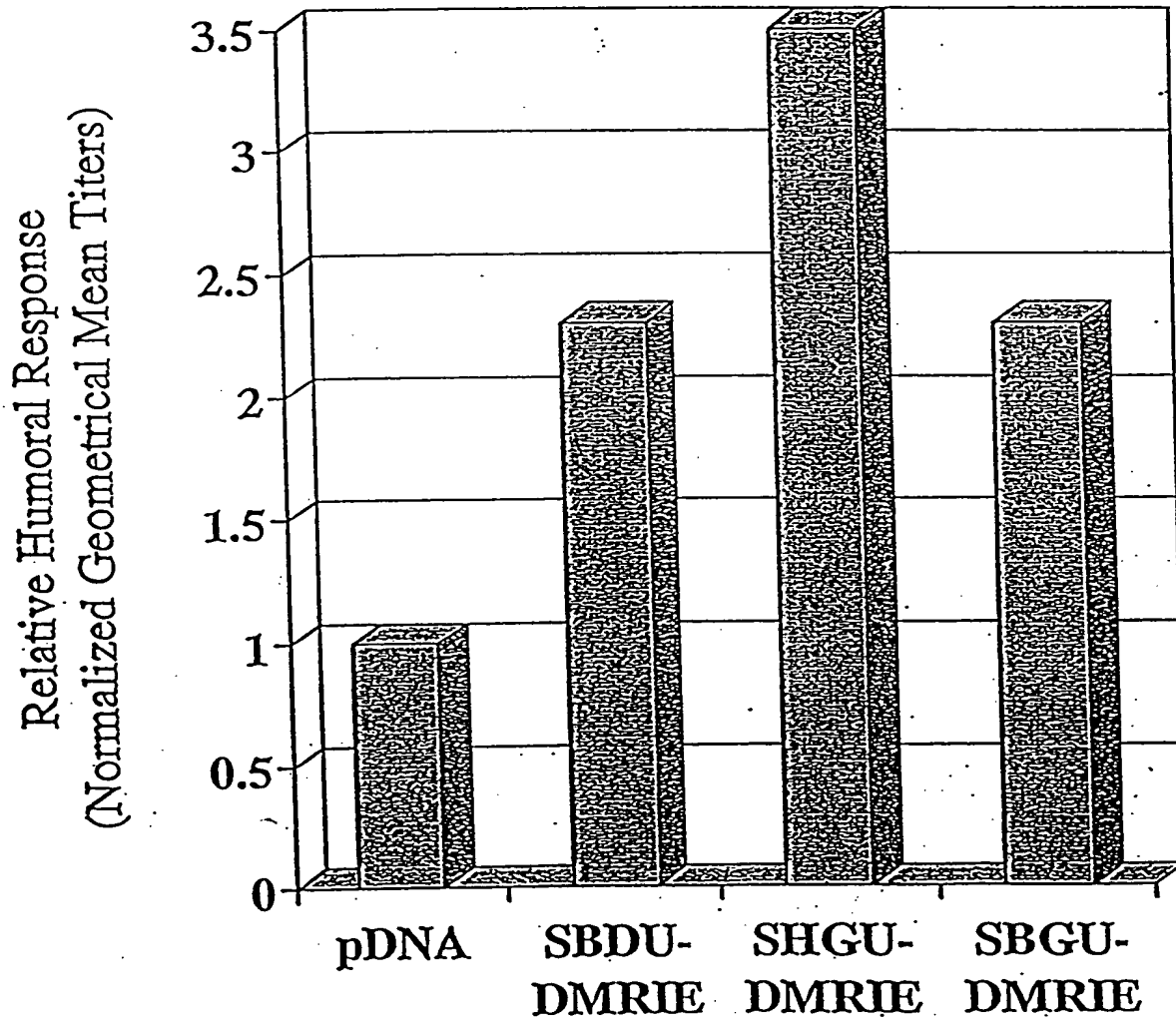


FIGURE 1B

009250 25100560

FIGURE 2



In Vivo Transfection (Sub-cutaneous Melanoma Model)

Relative Transgene Expression
($\mu\text{gr CAT from Cytotectin:pDNA} \div \mu\text{gr CAT from pDNA}$)

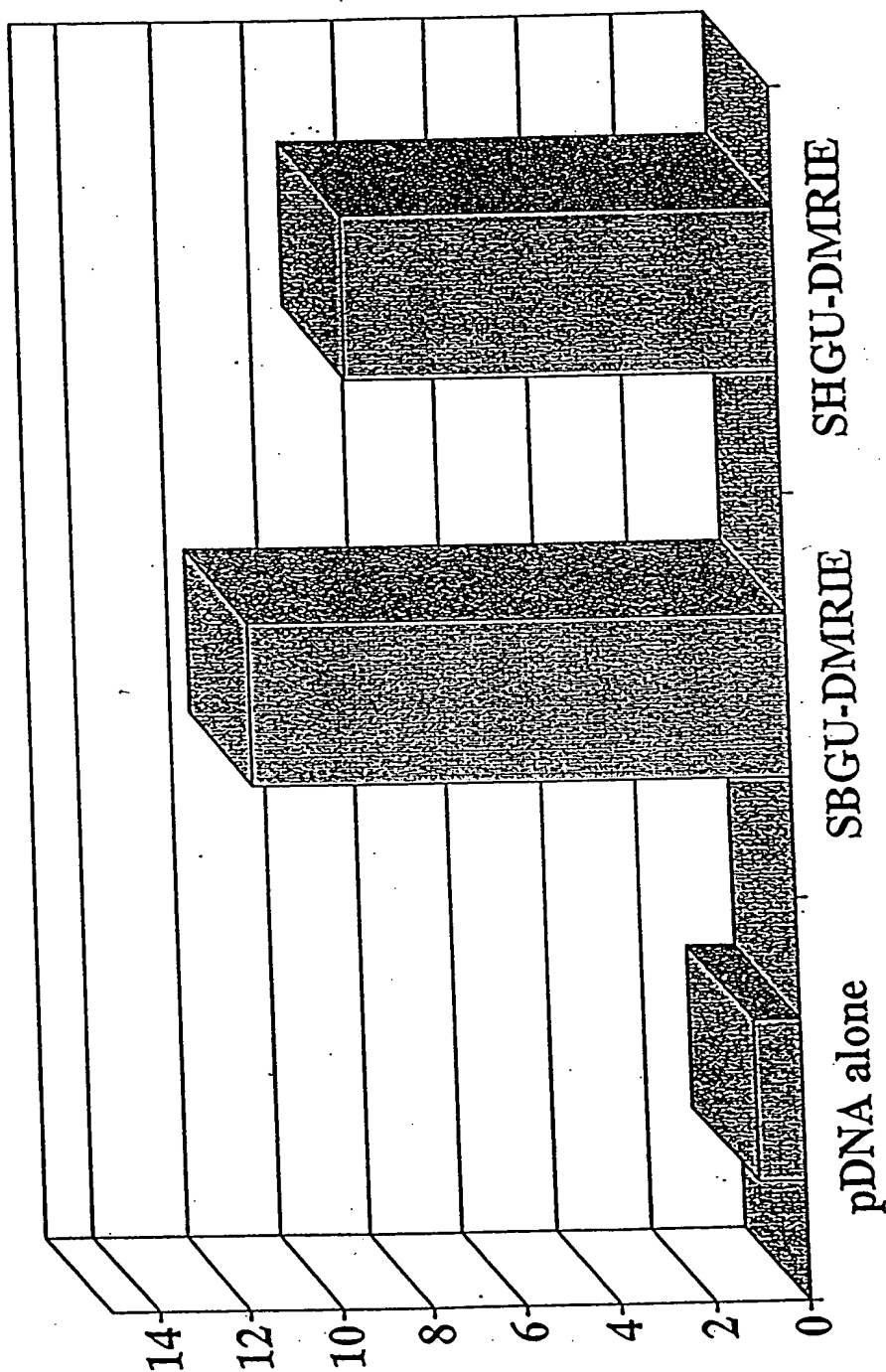


FIGURE 3